

Express Mail No.: EL275548405US

**BOX PATENT APPLICATION
ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231**



UTILITY PATENT APPLICATION TRANSMITTAL
Under 37 CFR 1.53(b)

Transmitted herewith for filing is the patent application of

INVENTOR(S): Richard Schiek

FOR: System for Generating Two-Dimensional Masks from a Three-Dimensional
Model Using Topological Analysis

I. APPLICATION ELEMENTS

1. ☒ Fee Transmittal Form
2. ☒ Specification
Total Pages 27
3. ☒ Drawings
Total Pages 21
4. ☒ Oath or Declaration
 - a. ☒ Newly Executed
 - b. ☐ Copy from Prior Application
(Continuation or Divisional)
- ☐ Deletion of Inventors
Signed Statement Attached Deleting Inventor(s) named in prior
Application. 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation by Reference (if Box 4b is checked). The entire
disclosure of the prior application(s) from which a copy of the
Oath or Declaration is supplied under Box 4b, is considered as
being part of the disclosure of the accompanying application and
is hereby incorporated by reference therein.
6. ☐ Microfiche Computer Program (Appendix)

II. ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet and document(s))
8. ☐ 37 CFR 3.73(b) Statement (where there is an assignee) ☐ Power of Attorney
9. ☒ Information Disclosure Statement
Copies of IDS
(IDS)/PTO-1449
Citations
10. ☐ Preliminary Amendment
11. ☒ Return Receipt Postcard (Itemized)
12. ☐ Other

III. IF A CONTINUING APPLICATION

- ☐ Continuation ☐ Divisional ☐ Continuation-in-Part (CIP)
of prior application No. __/_____

IV. CORRESPONDENCE ADDRESS

Timothy D. Stanley
Sandia National Laboratories
P. O. Box 5800 - MS-0161
Albuquerque, New Mexico 87185-0161

Phone: (505) 845-8124
FAX: (505) 844-1418

V. FEE PAYMENT BEING MADE AT THIS TIME

- ☐ Not Enclosed
☐ No filing fee is to be paid at this time (This and the surcharge required by 37 CFR 1.16(e) can be paid subsequently.)
- ☒ Enclosed
☒ Basic Filing Fee \$1218.00
- ☐ Recording Assignment
(\$40.00; 37 CFR 1.21(h))
- ☐ Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached. (\$130.00; 37 CFR 1.47 and 1.17(h))
- ☐ Processing and Retention Fee

(\$130.00; 37 CFR 1.53(d) and 1.21(I))

<input checked="" type="checkbox"/>	Fee for additional claims added by preliminary amendment	\$0
	Total Fees Enclosed	\$1218.00

VI. METHOD OF PAYMENT OF FEES

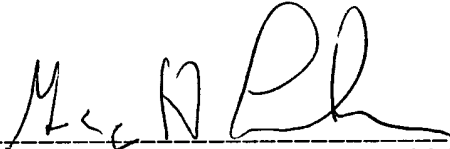
- ☐ Check in the amount of \$ _____
☒ Charge Deposit Account No. 19-0131 in the amount of \$1218.00.
A duplicate of this transmittal is attached.

VII. INSTRUCTIONS AS TO OVERPAYMENT OR UNDERPAYMENT

- ☒ Credit Account No. 19-0131
☒ Charge Account No. 19-0131


Dated: _____

9-24-03


George H. Gibman, Reg. No. 27,984
Sandia National Laboratories
Patent & Licensing Center, 11500
P. O. Box 5800 / MS 0161
Albuquerque, NM 87185-0161
Telephone: (505) 844-7644

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the U. S. Postal Service on the 24th day of September, 2003, in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EL275548405US, addressed to the: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.


Viola Campos

FEE TRANSMITTAL FOR FY 2003

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement.
Otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT (\$)**1218.00**

Complete if Known

Application Number
Filing Date **9/24/03**
First Named Inventor **Richard Schiek**
Examiner Name
Group / Art Unit
Attorney Docket No. **SD-7173**

METHOD OF PAYMENT (check one)

The Commissioner is hereby authorized to charge
1. ☒ Indicated fees and credit any over payments to:

Deposit Account Number **19-0131**

Deposit Account Name **Sandia National Labs**

☐ Charge Any Additional
Fee Required Under
37 CFR 1.16 and 1.17

2. Payment Enclosed:

☐ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	750
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)**750**

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	32	-20**= 12	X 18 = 216
Independent Claims	6	- 3**= 3	X 84 = 252
Multiple Dependent			

**or number previously paid, if greater; For Reissues, see below.

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	40	Multiple dependent claim, if not paid
1204	84	2204	42	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)**468.00**

FEE CALCULATION (continued)

3. ADDITIONAL FEES

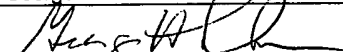
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee cover sheet	
1053	130			Non-English specification	
1804	920*			Requesting publication of SIR prior to Examiner action	
1805	1,840			Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510			Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	645	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130			Petitions to the Commissioner	
1806	180			Submission of Information Disclosure Stmt	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (see 37 CFR 1.129(b))	
				Other fee (specify)	
				Other fee (specify)	

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Typed or
Printed Name **George H. Libman**

Signature 

Date **9-24-03**

Complete (if applicable)

Reg. Number **27,984**

Deposit Account
User ID

NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)	First Named Inventor Richard Schiek	
	Title	System for Generating Two-Dimensional Masks from a Three-Dimensional Model Using Topological Analysis
	Atty Docket Number SD-7173	

I hereby certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

9-24-03
 Date


 Signature

George H. Libman
 Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Application may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**